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CERTIFICATE OF MAILING. I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450, on 14 February 2007 (Date).

Jeannie Camara

(Typed or Printed Name of Person Mailing Paper or Fee)

Jeannie Camara  
(Signature of Person Mailing Paper or Fee)

**PATENT APPLICATION**  
**Attorney Docket No. BPA02-0001**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )

Bradley P. Allen et al. )

) Group Art Unit: 2168

U.S. Patent No.: 7,146,362 B2 )

Issued: 5 December 2006 )

Application No.: 10/650,200 )

Filed: 26 August 2003 )

) Examiner: Robinson, Greta Lee

For: METHOD AND APPARATUS FOR )

USING FACETED METADATA TO )

NAVIGATE THROUGH INFORMATION) )

RESOURCES )

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**FEB 23 2007**

**OFFICE OF PETITIONS**

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certificate of Correction Branch of the Publishing Division

Assistant Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Dear Sir:

We hereby request that the above-referenced U.S Patent be corrected in the following way:

In Inventors section, please delete the second inventors last name, "Tworney" and replace with the last name --Twomey--.

The Assignee should read --Siderean Software, Inc., Manhattan Beach, CA(US)--

Please refer to enclosed PTO form PTO/SB/44.

Shun Yao  
Park, Vaughan and Fleming LLP  
2820 Fifth Street  
Davis, CA 94306  
(530) 759-1660

Respectfully submitted,

By



Shun Yao  
Registration No. 59,242

Date: 14 February 2007

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,146,362 B2

DATED : 5 December 2006

INVENTOR(S): Bradley P. Allen et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In Inventors section, please delete the second inventors last name, "Tworney"  
and replace with the last name --Twomey--.

The Assignee should read --**Siderean Software, Inc., Manhattan Beach, CA(US)**--

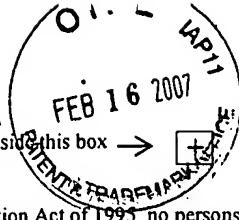
MAILING ADDRESS OF SENDER:

Shun Yao  
Park, Vaughan & Fleming LLP  
2820 Fifth Street  
Davis, CA 95618

PATENT NO: 7,146,362 B2

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Please type a plus sign (+) inside this box →



PTO/SB/21 (6/98)  
Approved for use through 9/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application No.	10/650,200	Patent No. 7,146,362 B2
Filing Date	26 August 2003	Issue Date: 5 Dec 2006
First Named Inventor	Bradley P. Allen	
Group Art Unit	2168	
Examiner Name	Robinson, Greta Lee	
Attorney Docket No.	BPA02-0001	

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## ENCLOSURES (check all that apply)

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- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavit/Declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts Notice/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers for an application<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input checked="" type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney by Assignee, with Revocation of Former Powers<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> After-Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input checked="" type="checkbox"/> Additional Enclosure(s):<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Check for \$ 130<br><input checked="" type="checkbox"/> Certificate of Correction<br><input checked="" type="checkbox"/> Copy of Notice of Recordation of Assignment document<br><input checked="" type="checkbox"/> Copy of first page of issued patent number US 7,146,362 B2 |
|--|---|--|

Remarks:

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Name	Shun Yao (Registration No. 59,242)	Date	14 February 2007
Signature		Telephone	530-759-1667
Address	2820 Fifth Street, Davis, CA 95616	Facsimile	530-759-1665

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as ☐ Express Mail (No. US) or

☒ First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on: 14 February 2007

Type or Printed Name	Jeannie Camara	Signature	
----------------------	----------------	-----------	--

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

## Complete if Known

Application Number	10/650,200	Patent No. 7,146,362 B2
Filing Date	26 August 2003	Issue Date: 5 December 2006
First Named Inventor	Bradley P. Allen	
Examiner Name	Robinson, Greta Lee	
Group Art Unit	2168	
Attorney Docket No.	BPA02-0001	

FEB 23 2007

TOTAL AMOUNT OF PAYMENT (\$ 130.00)

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 50-1003  
Deposit Account Name: Park, Vaughan & Fleming LLP

- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:  
☒ Check ☐ Credit card ☐ Money ☐ Other Order

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
33	-33**= 00	X	
Independent Claims	6	-6**= 0	X
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

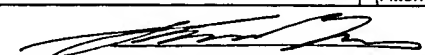
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet.	
1053 130	1053 130	Non-English specification	
1812 2520	1812 2520	Request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1840*	1805 1840*	Requesting publication of SIR after Examiner action	
1251 110	2255 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1450	2354 725	Extension for reply within fourth month	
1255 1970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1510	1451 1510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1300	2453 650	Petition to revive - unintentional	
1501 1300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130
1807 50	1807 50	Processing fee for provisional applications	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) 1811: Certificate of Correction (previously paid on 27 Dec 06)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130)

## SUBMITTED BY

Name (Print/Type)	Shun Yao	Registration No. (Attorney/Agent)	59,242	Telephone	530-759-1667
Signature				Date	14 February 2007

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information & authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW

First Named Inventor : Bradley P. Allen  
Application No. : 10/650,200  
Filed : 26 August 2003  
Patent No. : 7,146,362 B2  
Issued : 5 December 2006  
Docket : BPA02-0001  
Title : Method and Apparatus for Using Faceted Metadata to Navigate  
Through Information Resources  
Group/Art Unit : 2168  
Examiner : Robinson, Greta Lee

**PETITION TO CORRECT ASSIGNEE**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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OFFICE OF PETITIONS

Sir:

Applicant hereby petitions for the correction of the Assignee name and residence data as submitted with the issue fee transmittal for U.S. Patent No. 7,146,362 B2. The correct name and residence data are as follows (and match the information recorded at reel/frame 015358/0503 on 26 May 2004) the assignee name was erroneously entered on form PTOL-85 filed 4 Oct 06:

**Siderean Software, Inc.**  
**Manhattan Beach, CA**

Enclosed is a Certificate of Correction regarding this correction. Payment is enclosed in the amount of \$130 for this petition and the Certificate of Correction fee was submitted on 27 Dec 06.

02/16/2007 GWORDF1 00000032 7146362

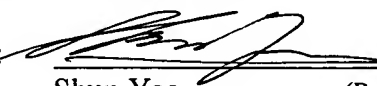
01 FC:1464

130.00 OP

Respectfully submitted,

Date: 14 February 2007

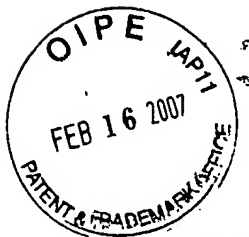
By:

  
Shun Yao

59,242

(Registration No.)

**Park, Vaughan & Fleming LLP**  
2820 Fifth Street  
Davis, CA 95616  
(530) 759-1667: voice  
(530) 759-1665: facsimile



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 15, 2004

PTAS



\*102753057A\*

PARK, VAUGHAN & FLEMING LLP  
A. RICHARD PARK  
508 SECOND STREET, SUITE 201  
DAVIS, CA 95616

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/24/2004

REEL/FRAME: 015358/0503  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: BPA02-0001

ASSIGNOR:

BPALEN TECHNOLOGIES LLC

DOC DATE: 05/18/2004

ASSIGNEE:

SIDEREAN SOFTWARE, INC.  
1446 5TH ST.  
MANHATTAN BEACH, CALIFORNIA 90266

SERIAL NUMBER: 10650200

FILING DATE: 08/26/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR USING FACETED METADATA TO NAVIGATE THROUGH  
INFORMATION RESOURCES

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NOV 22 2004

BY:.....

015358/0503 PAGE 2

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS





05-26-2004



Attorney Docket No. BPA02-0001

FORM PTO-1595

1-31-92

6/24/04

102753057  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
bpallen technologies LLC  
5155 West Rosecrans Ave.  
Suite 1078  
Los Angeles, CA 90250

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Siderean Software, Inc.  
Street Address: 1446 5<sup>th</sup> St.  
City: State: Zip: Manhattan Beach, CA 90266

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 18, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/650,200

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: A. Richard Park  
Park, Vaughan & Fleming LLP  
508 Second Street, Suite 201  
Davis, CA 95616

Attorney Docket No.: BPA02-0001

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

## DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

A. Richard Park  
Name of Person Signing

Signature

May 21, 2004  
Date

Total number of pages including cover sheet, attachments and document: [2]

**ASSIGNMENT OF PATENT RIGHTS**

WHEREAS, the undersigned, bpallen technologies LLC (hereinafter "Assignor"), a California limited liability company having a business address at 5155 West Rosecrans Avenue, Suite 1078, Los Angeles, CA 90250 presently holds title and all rights to United States Patent Application 10/650,200 and to the invention described in the application;

WHEREAS, Siderean Software, Inc. (hereinafter "Assignee") a Delaware Corporation having a business address at 1446 5<sup>th</sup> Street, Manhattan Beach, CA 90266, is desirous of obtaining the entire right, title and interest in, to and under said application and said invention;

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by Assignor to have been received in full from said Assignee, Assignor confirms the following:

1. Assignor has sold, assigned, transferred and conveyed unto said Assignee the entire right, title and interest (a) in and to United States Patent Application 10/650,200 and to the inventions described in this application; (b) in and to all rights to apply for foreign patents on based upon said patent application pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said inventions in the United States or any foreign country (including rights to all past and future damages arising from infringement of these patents), including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

2. Assignor agrees to cooperate with Assignee to enable Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, Assignor's legal representatives and assigns.

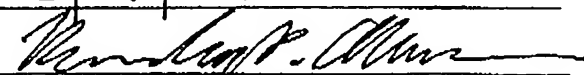
4. Assignor hereby warrants and represents that Assignor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, Assignee has executed this instrument as of the date written below.

Date:

5/18/04

Signed:



Bradley P. Allen, Manager and President,  
bpallen technologies LLC

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 - FIRST CLASS MAIL**  
I hereby certify that this correspondence is being deposited postage prepaid, with the United States Postal Service as "First Class Mail" in an envelope addressed to the U.S. Patent and Trademark Office, Assignment Division, M/S Assignments, CG-4, P.O. Box 1450, Alexandria, VA 22313-1450 on February 11, 2004.

By: Wendy Scott (Type Name) Wendy Scott (Signature)

Patent Application  
Attorney's Docket No.: BPA02-0001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )  
 )  
Bradley P. Allen ) Group Art Unit: 2171  
 )  
Application No.: 10/650,200 ) Examiner: Unassigned  
 )  
Filed: August 26, 2003 )  
 )  
For: METHOD AND APPARATUS FOR USING )  
FACETED METADATA TO NAVIGATE )  
THROUGH INFORMATION RESOURCES )

**REQUEST FOR RECORDATION OF ASSIGNMENT DOCUMENTS**

U.S. Patent and Trademark Office  
M/S: Assignments, CG-4  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above-referenced U. S. patent application, transmitted herewith are the following papers:

- ☒ Recordation Cover Sheet FORM PTO-1595;
- ☒ Check for recordation fee \$40; and
- ☒ Assignment of Patent Rights.

Issuance of a Notice of Recordation of Assignment Document is respectfully requested.

Respectfully submitted,

Dated: May 21, 2004

By: A. Richard Park  
A. Richard Park  
Registration No. 41,241

Park, Vaughan & Fleming LLP  
508 Second St., Ste 201  
Davis, CA 95616  
(530) 759-1660

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United States Patent and Trademark Office  
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Alexandria, VA 22313-1450  
www.uspto.gov

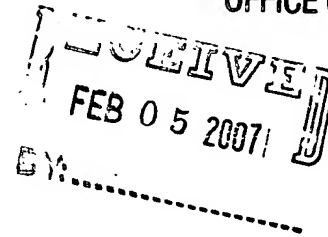
January 24, 2007

A. Richard Park  
PARK, VAUGHAN & FLEMING, LLP  
2820 Fifth Street  
Davis, CA 95618

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OFFICE OF PETITIONS



Patent No.: 7146362 B2

Application No.: 10/650200

Inventor(s): Bradley P. Allen

Issued: December 5, 2006

Title: METHOD AND APPRATUS FOR USING FACETED METADATA TO NAVIGATE THROUGH  
INFORMATION RESOURCES

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above-identified patent under the provisions of Rule(s) 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent, are based *solely* on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Issue Fee Transmittal Form PTOL-85B. Granting of a request under 37 CFR 3.81(b) is required to correct applicant's error providing incorrect or erroneous assignment data, *before* issuance of a Certificate of Correction, under 37 CFR 1.323 (*see Manual of Patent Examining Procedures (M.P.E.P) Chp.1400, sect. 1481*). This procedure is required *at any time after the issue fee is paid*, including after issuance of the patent.

In view of the foregoing, your request, in this mater, is hereby denied.

A request to correct the Assignee under 37 CFR 3.81(b) should include:

- A. the processing fee set forth in 37 CFR 1.117(h) (currently \$130);
- B. a statement that the failure to include the correct assignee name on the PTOL-85B was inadvertent; and
- C. a copy of the Notice of Recordation of Assignment Document, reflecting the reel and frame number where the assignment(s) is recorded and/or reflecting proof of *the date* the assignment was submitted for recordation.

*In the Request*, Applicant(s) may request that the file be forwarded to Certificates of Correction Branch, for issuance of a Certificate of Correction, if the Request is granted.

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

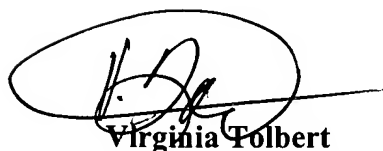
By mail:                   Mail Stop PETITIONS  
                              Commissioner for Patents  
                              Post Office Box 1450  
                              Alexandria, VA 22313-1450

By hand:                   Customer Service Window  
                              Mail Stop Petitions  
                              Randolph Building  
                              401 Dulany Street  
                              Alexandria, VA 22314

By fax:                   (571) 273-0025  
                              ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, no additional fee is required.

A certificate of correction will be issued to correct the remaining error in your request.



Virginia Tolbert  
For Cecelia Newman  
Decisions & Certificate of Correction Branch  
(703) 305-8309 or (703) 308-9390 ext 113

vt

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OFFICE OF PETITIONS



US007146362B2

(12) **United States Patent**  
Allen et al.

(10) **Patent No.:** US 7,146,362 B2  
(45) **Date of Patent:** Dec. 5, 2006

(54) **METHOD AND APPARATUS FOR USING FACETED METADATA TO NAVIGATE THROUGH INFORMATION RESOURCES**

(75) Inventors: **Bradley P. Allen**, Manhattan Beach, CA (US); **Cormac Tworney**, Marina Del Rey, CA (US); **John B. Jensen**, Hermosa Beach, CA (US)

(73) Assignee: **Bpallen Technologies LLC**, Los Angeles, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 438 days.

(21) Appl. No.: **10/650,200**

(22) Filed: **Aug. 26, 2003**

(65) **Prior Publication Data**

US 2004/0044661 A1 Mar. 4, 2004

**Related U.S. Application Data**

(60) Provisional application No. 60/406,959, filed on Aug. 28, 2002.

(51) **Int. Cl.**  
**G06F 17/30** (2006.01)

(52) **U.S. Cl.** ..... 707/5; 707/4; 707/10

(58) **Field of Classification Search** ..... 707/2, 707/3, 4, 5, 8, 10, 100

See application file for complete search history.

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*Primary Examiner*—Greta Robinson

(74) *Attorney, Agent, or Firm*—Park, Vaughan & Fleming LLP

(57) **ABSTRACT**

One embodiment of the present invention provides a system that uses faceted metadata to facilitate navigation through information resources. During operation, the system receives a query from a client at a server. The system then performs the query on metadata, wherein the metadata contains facets that describe characteristics of the information resources. While performing the query, the system generates results that identify information resources that satisfy the query. Next, the system constructs a response containing the results, the query, and suggestions on how to refine the query. The system then sends the response to the client, thereby allowing the client to refine the query. In this way, the client and server can work together in a stateless manner to refine the query without having to maintain state information about the query on the server.

**43 Claims, 7 Drawing Sheets**

